

Message Text

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TAGS: PARM, US, UR

SUBJECT: TTBT/PNE NEGOTIATIONS: WEEKLY SUMMARY REPORT,
JULY 25, 1975

TTBT/PNE DELEGATION MESSAGE NO. 78

1. SUMMARY: EIGHTH WEEK OF ROUND III INCLUDED TWO RESTRICTED AND TWO PLENARY MEETINGS. BEZUMOV IN PLENARY JULY 21 DESCRIBED SOVIET ALTERNATIVE TO SLIFER. IN DISCUSSION FOLLOWING, MOROKHOV STATED SOVIET SIDE COULD NOT ACCEPT FOREIGN INSTRUMENTS IN EMPLACEMENT HOLE. AT RESTRICTED MEETING JULY 22, IZRAEL PRESENTED STATEMENT ON LTBT COMPLIANCE. HE CITED SIX MEASURES TO LIMIT RADIOACTIVITY OUTSIDE BORDERS SO THAT "FOR ALL PRACTICAL PURPOSES" LTBT WOULD BE "PRESERVED." US STATEMENT

JULY 24 IN REPLY TO SOVIET REMARKS JULY 21 STRESSED THAT VERIFYING SIDE MUST MAKE INDEPENDENT MEASUREMENTS AND THEREFORE SOVIET POSITION ON VERIFICATION INSTRUMENTS FOR GROUPS NOT ACCEPTABLE TO US. MOROKHOV OUTLINED NEW SOVIET PROPOSALS AT JULY 24 RESTRICTED MEETING, CALLING THEM "MAJOR STEP TO MEET US POSITION." END SUMMARY

2. BEZUMOV STATEMENT JULY 21 OUTLINED "DISCRETE" METHOD FOR MEASURING SHOCK WAVE POSITION VS TIME IN HYDRODYNAMIC

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ZONE. METHOD BASED ON SHORT-CIRCUITING CONTACT SENSORS

PLACED AT FIXED INTERVALS. OTHER CONDITIONS SAME AS FOR SLIFERS. ACCURACY BASED ON MULTIPLE USE IS NO WORSE THAN 1.3, ACCORDING TO BEZUMOV. HE CONCLUDES EITHER SLIFER OR DISCRETE METHOD SUITABLE FOR YIELD MEASUREMENT.

3. AFTER BEZUMOV STATEMENT, MOROKHOV STATED FLATELY THAT SOVIETS COULD NOT ACCEPT FOREIGN INSTRUMENTS IN EMPLACEMENT HOLE BECAUSE "PEOPLE WHO WOULD NEED TO BE CONVINCED" COULD NEVER BE CONVINCED THAT UNAUTHORIZED INFORMATION WOULD NOT BE OBTAINED. SOVIETS COULD ONLY ACCEPT APPROACH WHEREBY VERIFYING SIDE USES MEASUREMENTS FROM HOST COUNTRY INSTRUMENTS.

4. AT JULY 22 RESTRICTED MEETING, IZRAEL MADE FORMAL STATEMENT IN REPLY TO US STATEMENT OF JULY 8 ON LTBT COMPLIANCE. USING EXAMPLES, HE SAID SOME CONTAINED EXPLOSIONS MAY NOT DIFFER SIGNIFICANTLY FROM EXCAVATION EXPLOSION IN RELEASE OF RADIOACTIVITY, AND SAID RADIOACTIVITY FROM CONTAINED EXPLOSIONS MAY ALSO BE CARRIED GREAT DISTANCES. THUS POSSIBLE THAT CONTAINED AND EXCAVATION EXPLOSIONS NOT SIGNIFICANTLY DIFFERENT. IZRAEL SAID FOLLOWING MEASURES WOULD LIMIT RADIOACTIVITY FROM EXCAVATION EXPLOSIONS: DESIGN OF EXPLOSIVE; OPTIMAL DEPTH OF BURIAL; TECHNOLOGY USED IN CARRYING OUT EXPLOSION; OPTIMAL LOCATION FOR EXPLOSION; OPTIMAL WEATHER CONDITIONS; AND ARTIFICIAL INFLUENCES ON AEROSOL CLOUDS. BY SUCH MEANS LEVELS OF RADIOACTIVITY AT BORDERS OF USSR PRODUCED BY EXCAVATION EXPLOSION IN USSR WOULD BE LESS THAN HEALTH STANDARD LEVELS AND COMPARABLE TO BACKGROUND LEVELS. CONCLUSION WAS MADE THAT ABOVE MEASURES MAKE POSSIBLE "FOR ALL PRACTICAL PURPOSES" CONTAINMENT OF RADIOACTIVE PRODUCTS INSIDE HOST COUNTRY AND "LTBT WILL BE PRESERVED."

5. US REPLY TO SOVIET REMARKS ON GROUP VERIFICATION SAID THAT ON BASIS OF DETAIL PROVIDED, CONCEPT APPEARS SOUND. US CANNOT ACCEPT SOVIET POSITION THAT HOST COUNTRY INSTRUMENTS BE USED FOR VERIFICATION. VERIFYING SIDE MUST MAKE INDEPENDENT MEASUREMENTS FOR VERIFICATION OF YIELDS WHICH US WOULD PROVIDE.

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6. IN RESTRICTED MEETING JULY 24 MOROKHOV PRESENTED NEW SOVIET PROPOSALS ON MAJOR ELEMENTS OF PNE AGREEMENT. USSR PREPARED TO AGREE ON FOLLOWING: LIMIT ON INDIVIDUAL CONTAINED AND EXCAVATION YIELD OF 150 KT; AGGREGATE YIELD LIMIT FOR CONTAINED AND EXCAVATION OF 2 MT WITH UNDERSTANDING THAT METHODS OF VERIFICATION WILL BE AGREED; LIMITED NUMBER EXCEPTIONS ABOVE 150 KT FOR INDIVIDUAL EXCAVATION EXPLOSIONS WITH OBSERVERS PRESENT; PRESENCE OF OBSERVERS IF YIELD IS

OVER 100 KT IF HOST COUNTRY DEEMS NECESSARY FOR
VERIFICATION; EXCHANGE OF INFORMATION (VOLUME YET TO BE
NEGOTIATED BUT IN LINE WITH EXPERTS AGREEMENTS); PROVISION
REAFFIRMING ADHERENCE TO LTBT; AND STATEMENT ON COOPERATION
IN PNE FIELD. MOROKHOV SAID SOVIETS EXPECT US TO COMMENT
ON PROPOSALS "IN NEAREST FUTURE". IN ADDITION, SOVIET
DELEGATION HAS INSTRUCTIONS TO BEGIN DRAFTING "IN SHORTEST
TIME" AND EXPECTS US TO RECEIVE INSTRUCTIONS TO BEGIN
DRAFTING.
STOESSEL

NOTE BY OC/T: #AS RECEIVED

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